



# MODIFICATION INSTRUCTIONS

for the

## **KODAK MINILOADER 2 PLUS,**

**MODELS STAND-ALONE, M35-M & 480RA**

Service Codes 3236, 3239 & 3240

## **MODIFICATION No. M10**

and for the

## **KODAK MINILOADER 2 PLUS LOW VOLTAGE**

**MODELS STAND-ALONE, M35-M & 480RA**

Service Codes 3419, 3420 & 3421

## **MODIFICATION No. M03**

### **Type 2**

#### **PURPOSE:**

To alter the arrangement of the Cassette Closing Rollers to provide better closing of Video Cassettes. The Modification will also improve the closing of Mammography Cassettes when the Latch is out of specification.

#### **IMPORTANT:**

Only qualified service personnel should install this modification!

#### **SERIAL NUMBERS:**

Miniloader 2 Plus Stand-Alone	(3236)	ALL
Miniloader 2 Plus M35-M	(3239)	ALL
Miniloader 2 Plus 480RA	(3240)	ALL
Miniloader 2 Plus SA Low Voltage	(3419)	6001 & 6002
Miniloader 2 Plus M35-M Low Voltage	(3420)	5001 - 5039
Miniloader 2 Plus 480RA Low Voltage	(3421)	7001 & 7002

#### **INSTALLATION TIME:**

Approximately 1.5 hours.

#### **SPECIAL TOOLS:**

None

#### **PARTS REQUIREMENT:**

No parts required.

## CAUTION



This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

### PLEASE NOTE

The information contained herein is based on the experience and knowledge relating to the subject matter gained by Kodak Limited prior to publication.

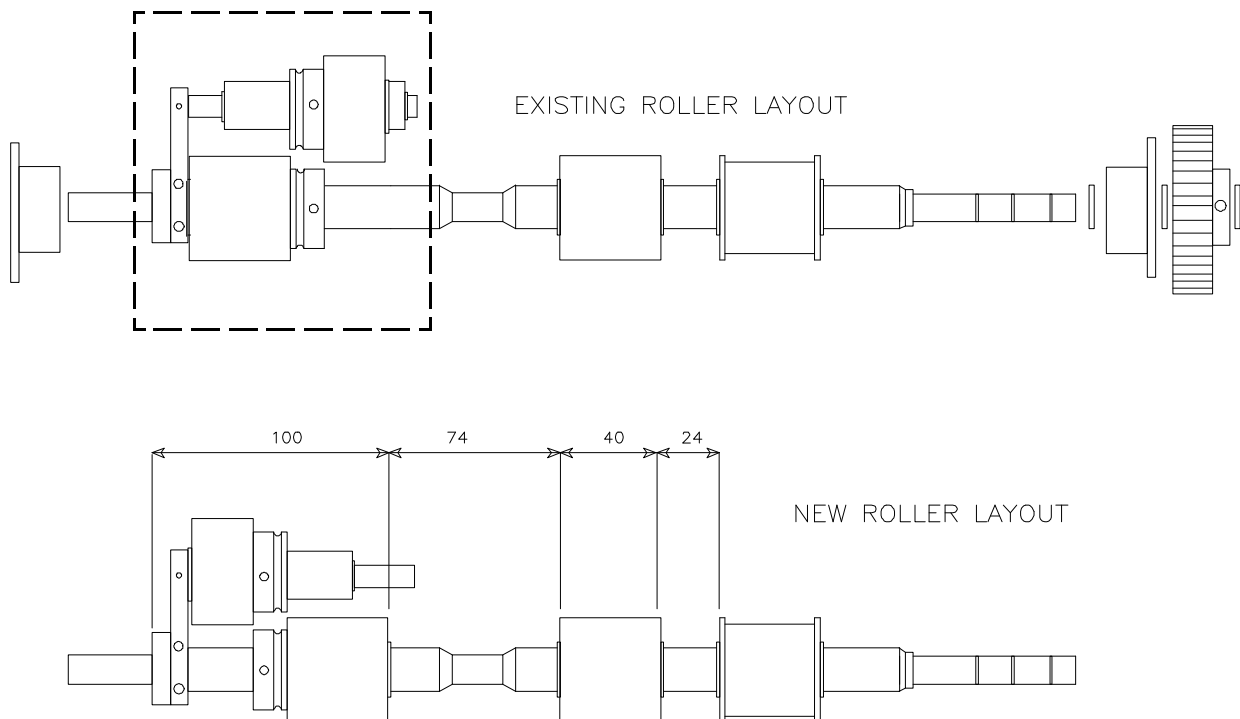
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## MODIFICATION INSTRUCTIONS

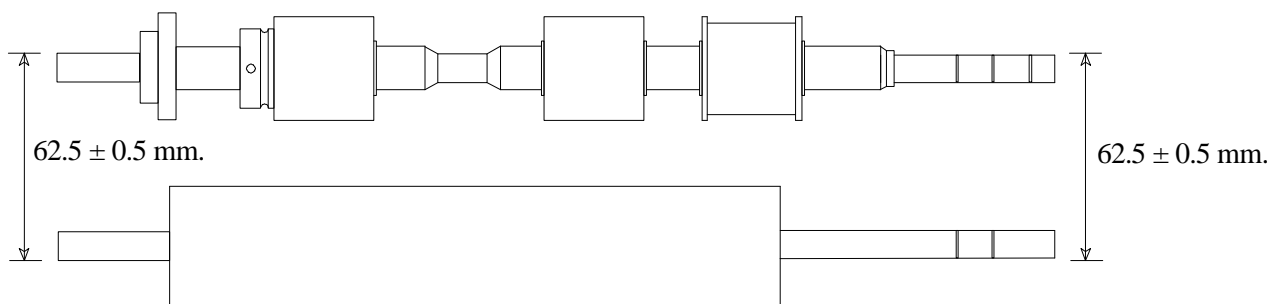
The purpose of the modification is to apply the CLOSING ROLLER pressure nearer to the CASSETTE LATCH. This provides better CASSETTE closing, especially with VIDEO CASSETTES.

1. Switch off the power to the MINILOADER.
2. Remove the TOP COVER, both SIDE PANELS and the FRONT PANEL. Make sure you disconnect all cables as you remove the FRONT PANEL.
3. Remove the CASSETTE DRIVE/CLOSING ROLLER ASSEMBLY from the MINILOADER. The ASSY. can be removed by taking off the GEAR from the right hand side, and withdrawing the BEARING ASSY.. It is not necessary to remove the left hand BEARING.



4. Dismantle the swinging ROLLER ASSEMBLY and remove the left hand ROLLER. See the area in the BOX on the EXISTING ROLLER LAYOUT DIAGRAM.
5. Reassemble the parts as shown in the drawing for the NEW ROLLER LAYOUT, and set the ROLLER spacing as shown in the diagram.

6. Replace the ROLLER ASSEMBLY in the MINILOADER and refix the CASSETTE INJECTOR PIPE ensuring the PIPE is not overstretched when the CASSETTE GUIDES move to the 24 x 30 size.
7. By adjusting the position of the BEARING ASSEMBLIES on the CLOSING ROLLER ASSEMBLY set the height of the ROLLER ASSEMBLY from the LARGE BELT ROLLER SHAFT to  $62.5 \pm 0.5$  mm as shown in the FIGURE below.



8. Test the closing of all sizes of CASSETTES.
9. Circle the appropriate MODIFICATION NUMBER on the MODIFICATION STICKER inside the MINILOADER. MODIFICATION M10 for MINILOADER 2 PLUS Service Codes 3236, 3239 & 3240. MODIFICATION M03 for MINILOADER 2 PLUS (LOW VOLTAGE) Service Codes 3419, 3420 & 3421.

**FOR MINILOADER 2 PLUS  
SERVICE CODES 3236,  
3239 & 3240**

Kodak											
1	2	3	4	5	6	7	8	9	10	11	
12	13	14	15	16	17	18	19	20	21		
22	23	24	25	26	27	28	29	30	31	32	
33	34	35	36	37	38	39	40	41	42		

**FOR MINILOADER 2 PLUS  
(LOW VOLTAGE) SERVICE  
CODES 3419, 3420 & 3421**

Kodak											
1	2	3	4	5	6	7	8	9	10	11	
12	13	14	15	16	17	18	19	20	21		
22	23	24	25	26	27	28	29	30	31	32	
33	34	35	36	37	38	39	40	41	42		

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